The Massachusetts School

OF

OPTOMETRY

ESTABLISHED 1894 INCORPORATED 1909

Annual Announcement and Catalogue

1921 - 1922

168 MASSACHUSETTS AVENUE

BOSTON, MASS.

The Massachusetts School of Optometry

INCORPORATED

OFFICERS OF THE CORPORATION

THEODORE F. KLEIN, President.
CHARLES J. COLLINS, Vice-President.
EDWARD CHAMPOU, Secretary.
HERMAN L. KLEIN, Treasurer.

THE FACULTY

AUGUST A. KLEIN, M.D., 185 Summer St., Dean. Pathology and Physiologic Optics.

THEODORE F. KLEIN, 168 Massachusetts Ave. Registrar. Theoretic and Practical Optometry.

DAVID Y. COHILL, M.B., M.D., Salem, Mass. Anatomy and Physiology.

GUY S. BLODGETT, A.B., Woburn, Mass. Mathematics and Physics.

W. A. SVENDSEN, 168 Massachusetts Ave., Anatomy and Physiology.

AUGUSTUS B. TRIPP, Somerville, Mass. Theoretic Optics.

HERMAN L. KLEIN, 101 Tremont St. Practical Optics and Business Management.

WINIFRED S. FULLER, Boston, Mass. Mathematics.

PAUL J. CAREY, Boston, Mass. Mechanical Optics.

STAFF OF THE MASSACHUSETTS SURGICAL AND OPTOMETRICAL EYE INFIRMARY.

AUGUST A. KLEIN, M.D.
Surgeon.
DAVID Y. COHILL, M.B., M. D.
Associate Surgeon.
W. A SVENDSEN
Clinical Assistant.

AIMS OF THE SCHOOL

The Massachusetts School of Optometry aims to give its students a broad and sound training in the science of Optometry, a thorough training in the practice of Optometry, to uplift the science of Optometry to the highest standard and to make useful, practical and successful Optometrists.

METHODS OF INSTRUCTION

The methods of instruction are those which have proved themselves the most successful in past experiences. Practical work in addition to lectures is the most valuable method of instruction. The student is trained in the practical examination of patients, especially with the skiascope and opthalmoscope. The use of these two instruments is of such importance in the practice of Optometry that they are in use at the school throughout the entire course.

REQUIREMENTS FOR ADMISSION

The entrance requirements for the regular two-year day course are that matriculates must show evidence of possessing a preliminary education the equivalent to at least four years' high school study and must be of good moral character and be at least nineteen years of age.

For matriculates of special two-year day courses a preliminary education the equivalent to two years' high school study. For shorter special courses no specified preliminary education.

Complete information regarding the requirements in the various States will be furnished on application.

CURRICULUM

First Year

First Half

Algebra
Geometry
Trigonometry
Physics
Anatomy
Practical Optics
Theoretic Optometry
Physiology
Physiologic Optics
Practical Optometry

Second Half

Theoretic Optometry
Practical Optometry
Theoretic Optics
Practical Optics
Clinics
Anatomy
Physics
Physiology
Physiologic Optics

Second Year

First Half	Second Half
Theoretic Optometry	Theoretic Optometry
Practical Optometry	Practical Optometry
Practical Optics	Practical Optics
Pathology	Pathology
Clinics	Clinics
Physiologic Optics	Physiologic Optics
Theoretic Optics	Theoretic Optics
	Hygiene

Special lectures on stock keeping, stock ordering, optical advertising, and selected subjects will be announced during the course.

POST-GRADUATE COURSES

Graduates in Medicine or Optometry (two year course), who are approved by the faculty, will be admitted to the school and allowed to attend such lectures as they choose, and will be entitled to receive a certificate of such attendance. In order to graduate, they must pass a satisfactory examination in the entire work of the second year, and present satisfactory evidence of competency in the full curriculum of the school.

SPECIAL COURSES

Persons approved by the faculty may be admitted to special courses, which, however, shall not count as any part of the regular two year course, unless the student has complied with the requirements of the school.

CLINICAL OPPORTUNITIES

Special attention is called to the opportunity for clinical study afforded by the school. The great variety of diseases shown to the classes afford the student excellent practical knowledge of the appearance of diseased conditions of the eyeball and its appendages.

During the school year students observe operations for cataract, trachoma, etc., and make opthalmoscopic examinations of diseased conditions of the eyeground.

GENERAL INFORMATION

Students can live as economically in Boston as in any city of its size; and personal expenses will be determined in a great measure by the tastes and inclinations of the individual.

The cost of board and room need not exceed ten dollars per week. By the formation of clubs, the expense has been reduced to less than eight dollars per week.

Season tickets on some of the railroads can be obtained by students at reduced rates. Inquiry regarding students' tickets should be made at the railroad offices, and not at the office of the School.

Any information on special subjects connected with the School may be obtained on application to the Registrar.

THEODORE F. KLEIN,
Massachusetts School of Optometry,
168 Massachusetts Avenue.

NIGHT COURSES

Numerous courses are given during the evening sessions. The student may take advantage of inability to attend the day course or to receive additional instructions in any department.

(See special announcement for night courses.)

FINAL EXAMINATIONS

At the end of each year an examination is held on the work of that year. The student is required to complete the studies of one year before entering on the next.

Examinations for the removal of conditions will be given on Monday and Tuesday, September 13th and 14th.

GRADUATION

After the final examination in each chair, the student, provided he has passed successfully and otherwise complied with the requirements of the school, is eligible for graduation. Sixty-five per cent will be required from each chair in order to pass; but an average of seventy-five per cent from all chairs will be required in order to enable the student to graduate.

Before graduation all students are required to furnish satisfactory written reports of at least twenty cases examined personally by them.

DEPARTMENTS OF INSTRUCTION

First Year

Anatomy.

Lectures, dissections and demonstrations, supplemented by recitations. The course includes a general outline of the human body, special anatomy of the skull, including histology of the structures of the eyeball, special anatomy of the brain, and a short course in embryology.

The student is required to dissect animals' eyes, for which purpose a small dissecting case is required.

Physiology.

General physiology of the human body. Special physiology of the human eye. Lectures illustrated by charts and plates, recitations.

Mathematics.

A general course in algebra, geometry and trigonometry to enable the student to clearly understand certain problems in theoretic optics.

Physics.

General elementary physics.

Theoretic Optometry.

Explanation of the principles and methods of using the opthalmoscope, opthalmometer, skiascope, perimeter, phorometer, prisms, trial case, and many other instruments and devices used for the detection and measurement of refraction and muscular anomalies.

This course is given in connection with practical optometry.

Practical Optometry.

Training in the use of the various instruments and devices used for the detection and measurement of refraction and muscular anomalies. The conduct of cases.

In order that the student receives the full benefit of this course, it is given from the time the student enters till he has completed the course.

Special attention is given to the use of the opthalmoscope and the skiascope.

Practical Optics.

Practical training in frame adjusting, all kinds of optical bench work, edging, mounting, etc. Special attention is given to adjusting and bending, through the entire course.

The student is required to furnish a set of tools to be used for this work.

Clinics.

Clinical lectures on various cases as they are presented to the class. Students examine patients for errors of refraction, muscular anomalies, diseases of the eyeball and its appendages.

Minor operations are performed before small classes.

Theoretic Optics.

The laws of reflection and refraction as applied to lenses and mirrors. Lectures, demonstrations and laboratory work supplemented by recitations and examinations at intervals.

Second Year

Theoretic Optometry.

Continuation of the first year Optometry with advanced study of cases examined at the clinics of the school. All cases examined at the school are discussed in class and the important features in each case emphasized.

Clinics.

Continuation of first year work.

Theoretic Optics.

Continuation of first-year work. In addition to which laboratory work is given. Effectivity and equivalence of thin lenses. Thick lenses and compound systems.

Hygiene.

The care of the eyes from birth. School hygiene.

Practical Ontometry.

Continuation of first year work. During this year the student is required to report at least fifty skiascope examinations made by himself at the school. This in addition to records of examinations made by other instruments.

Practical Optics.

Continuation of first year work. In addition to which the student is required to surface opthalmic lenses.

Pathology.

The importance of early recognition of certain diseased conditions of the eye makes this course a very important one to the Optometrist. The work is so conducted that the student is able to diagnose, with some degree of certainty, conditions that require observation beyond the scope of the Optometrist. No attempt is made to instruct the student in the treatment of diseased conditions.

The clinics of the school afford material for the study of diseased conditions. In addition to this, the lectures are illustrated by numerous pictures thrown upon the screen and by stereoscopic pictures.

Students are required to make colored pictures of diseased conditions.

Physiologic Optics.

The dioptrics of the eye. Lectures illustrated by charts and plates, supplemented by recitations. This course is somewhat complicated since it includes the optics of the various refraction errors, and the student is required to possess some knowledge of theoretic optics.

Optical Advertising.

A short series of lectures on this subject will be given during the latter part of the second year. The time to be announced during the second year.

Opthalmological Instruments.

Lectures and practical demonstrations on the use of new instruments and appliances that may be presented by the instrument manufacturers for trial at the school.

These lectures and demonstrations will be given during the second year. The time and date to be announced during the second half-year.

TUITION FEES

Matriculation fee for one and two-year day students to be paid at time of registration, (paid but once) $5

Tuition fee each year $175

Laboratory fee paid at the beginning of each year....$25

Special course of three months $100

The fees for other special courses will be furnished upon application to the registrar.

STUDENTS FOR THE YEAR 1920-1921

The school has never conducted correspondence courses but has had students from a majority of states and no less than ten foreign countries, including China and New Zealand.

FIRST YEAR

Brilliant, Louis .....Boston, Mass.
Butler. Lawrence T. .....East Braintree, Mass.
Carey, Paul J. .....Biddeford, Me.
Cook, Edward J. .....Springfield, Mass.
Crook, Carleton .....Roxbury, Mass.
Doherty, Joseph M. .....South Boston, Mass.
Drisko, Paul H. .....Dorchester, Mass.

Eluto, Harold ..... Manchester, N. H.
Flansburgh, Robert D. ..... Newton Highlands, Mass.
Foote, Harvey ..... Burlington, Vt.
Foss, Phillip W. ..... Jamaica Plain, Mass.
Frith, William E. ..... West Somerville, Mass.
Galvin, William A. ..... Lynn, Mass.
Griffin, Frank P. ..... Boston, Mass.
Hanson, Albert F. ..... Southbridge, Mass.
Hughes, Edmund A. ..... Providence, R. I.
Lake, George F. ..... Fall River, Mass.
Mackenzie, Stewart A. ..... Dorchester, Mass.
Morris, John E. ..... Lawrence, Mass.
Moulton, Clark F. ..... Cliftondale, Mass.
Moulton, Arthur N. ..... Cliftondale, Mass.
Newsome, George H. ..... Charlottetown, P. E. I.
Parker, Dorothy L. ..... Worcester, Mass.
Pelletier, Joseph A. ..... Greenville, N. H.
Studwell, Victor B. ..... Newton, Mass.
Weiss, Joseph ..... Boston, Mass.

SECOND YEAR

Adams, Morris ..... New Haven, Conn.
Barkin, Samuel ..... Dorchester, Mass.
Bauer, George M. ..... Greenwood, Mass.
Beal, Ira C. ..... Bangor, Maine
Bedard, Clovis A. ..... Lawrence, Mass.
Coff, George ..... Newport, R. I.
Cohen, Benjamin ..... Lowell, Mass.
Cohen, Louis ..... Dorchester, Mass.
Conley, Walter P. ..... Camden, Me.
Dixon, Leroy L. ..... Lynn, Mass.
Dydek, Peter E. ..... Cambridge, Mass.
Forsythe, Harley H. ..... St. Albans, Vt.
Farrington, Embree S. ..... Kingston, Mass.
Gadon, A. Sydney ..... Malden, Mass.
Gaudette, Oliver S. ..... Waltham, Mass.
Geoffroy, Frank ..... Lowell, Mass.
Gourjian, Milton ..... New Britain, Conn.

Hanson, David ..... Revere, Mass.
Higgs, Louis A. ..... Wareham, Mass.
Hyman, Frederick L. ..... Dorchester, Mass.
Landry, Henry J. ..... Wollaston, Mass.
Marcoux, Romain ..... Winslow, Me.
Miller, Clara ..... Butte, Mont.
Pitman, Nathaniel ..... Reading, Mass.
Rackley, Henry P. ..... Millen, Ga.
Repetto, Walter L. ..... Somerville, Mass.
Richard, S. R. ..... Southbridge, Mass.
Rieth, Warren P. ..... East Dedham, Mass.
Sandburg, Gustav L. ..... Springfield, Mass.
Scheffler, Joseph ..... Roxbury, Mass.
Schneider, Edward J. ..... South Boston, Mass.
Shea, John H. ..... Cambridge, Mass.
Sleight, Charles K. ..... Lubec, Me.
Streitmater, Anton ..... Waltham, Mass.
Thomas, John A. ..... Boston, Mass.
Veve, Luis G. ..... San Piedro, Porto Rico
Vogel, Nathan ..... Hartford, Conn.

SPECIAL

Bartlett, Howard S. ..... Boston, Mass.
Bird, Louis ..... Portland, Me.
Bodwell, Harvey E. ..... Boston, Mass.
Barnes, Sadie C. ..... Westfield, Mass.
Cartier, Albert R. ..... Fall River, Mass.
Delorey, Arthur H. ..... Nashua, N. H.
Eaves, Ralph F. ..... Peterboro, N. H.
Ecay, Clarence ..... Greenwood, Mass.
Gaudette, George A. ..... Lynn, Mass.
Gerrish, Neal W. ..... Oakfield, Me.
Hight, Clifton H. ..... Athens, Me.
Keefe, Henry L. ..... Taunton, Mass.
Kenyon, Edward ..... Fall River, Mass.
LaReau, Armand ..... Southbridge, Mass.
Lockard, Albert J. ..... Claremont, N. H.

Marcou, Louis F. ..... Medford, Mass.
Moores, William E. ..... Cambridge, Mass.
Newell, Melvin S. ..... Lynn, Mass.
Pearson, George E. ..... Manchester, N. H.
Pyne, David H. ..... Lowell, Mass.
Reagan, Edward C. ..... Hartford, Conn.

CALENDAR

1921

Sept. 14—Wednesday. Registration and payment of fees.
Sept. 15—Thursday. First term begins.
Oct. 12—Wednesday. Columbus Day
Nov. 21 and 22—Monday and Tuesday. Mid Term tests.
Nov. 23 to 25 inclusive—Thanksgiving recess.
Dec. 21 to 31 inclusive—Christmas Holidays.

1922

Jan. 26 to 31 inclusive—Mid Year Examinations.
Feb. 6—Monday. Second term begins.
Feb. 22—Wednesday. Washington's Birthday.
Mar. 20 and 21—Mid term tests.
Mar. 22 to 31 inclusive—Spring recess.
Apr. 19—Wednesday. Lexington Day.
May 25 to 31 inclusive—Final examinations.
June 1—Thursday. Commencement Day.
June 5 to 9 inclusive—Quiz Classes for Graduating class.

SCHEDULE:

All students are required to attend all classes in strict conformity with the schedule.

Senior class: Monday, Wednesday and Friday from 9 a.m. to 5 p.m.
Tuesday and Thursday from 9 a.m. to 12 noon.

Junior class: Monday, Wednesday and Friday from 9 a.m. to 2 p.m.
Tuesday from 9 a.m. to 4 p.m.
Thursday from 9 a.m. to 5 p.m.

Lunch hour daily from 1 to 2.